

17-Mar-05

## REPORT OF NAVIGATION CHANNELS

ER 1130-2-306

**COLUMBIA RIVER - OREGON & WASHINGTON**  
**EUREKA BAR THROUGH SLAUGHTERS CHANNEL**

 Minimum depths in each 1/4  
 width of channel entering from  
 seaward

Mid-Channel

Authorized Project	NAME OF CHART Name of Channel (Mileage)	Date of Survey	Feet Width	Miles Length	Project Depth	Left Outside Quarter Feet	Left Inside Quarter Feet	Right Inside Quarter Feet	Right Outside Quarter Feet
	<b>EUREKA BAR</b>	<b>15-Feb-05</b>							
	Westport Channel (48.2 - 48.9)		600	0.7	40	37	41	42	38
	Eureka Lower Channel (48.9 - 51.0)		600	2.1	40	45	47	44	43
	Eureka Upper Channel (51.0 - 51.8)		600	0.8	40	43	44	43	41
	<b>GULL ISLAND BAR</b>	<b>15-Feb-05</b>							
	Oak Point Channel (51.2 - 54.2)		600	3.0	40	46	44	44	43
	Gull Island Turn & Channel (54.2 - 55.6)		600	1.4	40	53	53	44	40
	<b>STELLA-FISHER BAR</b>	<b>15-Feb-05</b>							
	Gull Island Channel (55.6 - 56.4)		600	0.8	40	46	48	44	42
	Stella Range (56.4 - 59.4)		600	3.0	40	39	41	39	37
	<b>WALKER ISLAND REACH</b>	<b>16-Feb-05</b>							
	Fisher Island Channel (59.4 - 60.2)		600	0.8	40	39	41	42	42
	Walker Island Channel (60.2 - 61.6)		600	1.4	40	41	42	42	40
	Barlow Point Channel (61.6 - 63.2)		600	1.6	40	40	44	42	39
	<b>SLAUGHTERS BAR</b>	<b>16-Feb-05</b>							
	Slaughters Channel (63.2 - 65.4)		600	2.2	40	40	40	42	40
	Slaughters Turn & Turn Basin (65.4 - 67.1)		600	1.7	40	39	41	41	38

 ENG Form 4020-R (Nov 1990)  
 Reference is Navigation Chart No. 18523/18524.  
 Note: All Depths at Columbia River Datum.

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COLUMBIA RIVER CHANNEL DEPTHS								
GULL ISLAND TURN AND CHANNEL TO ST HELENS TURN								
TABULATED FROM SURVEYS BY THE CORPS OF ENGINEERS - REPORT OF						17-Mar-05		
CONTROLLING DEPTHS IN FEET AT COLUMBIA RIVER DATUM (CRD) * SEE FOOTNOTE						PROJECT DIMENSIONS		
NAME OF CHANNEL	Left Outside Quarter	Left Inside Quarter	Right Inside Quarter	Right Outside Quarter	Date of Survey	Width (Feet)	Length STAT (Miles)	Depth (Feet)
Gull Island Turn and Channel	46	48	44	40	15-Feb-05	600	2.2	40
Stella Range	39	41	39	37	15-Feb-05	600	3.0	40
Fisher Island Channel	39	41	42	42	16-Feb-05	600	0.8	40
Walker Island Channel	41	42	42	40	16-Feb-05	600	1.4	40
Barlow Pt Channel	40	44	42	39	16-Feb-05	600	1.6	40
Slaughters Channel	40	40	42	40	16-Feb-05	600	2.2	40
Slaughters Turn and Channel	39	41	41	38	16-Feb-05	600	1.7	40
Cottonwood Island Lower Rge	38	40	39	41	16-Feb-05	600	1.7	40
Cottonwood Island Turn	44	42	37	39	16-Feb-05	600	2.7	40
Cottonwood Island Upper Rge	41	42	42	40	14-Feb-05	600	1.6	40
Kalama Lower Range	42	43	41	36	14-Feb-05	600	1.8	40
Kalama Upper Range	39	41	41	40	14-Feb-05	600	2.2	40
Bybee Ledge Channel	40	43	43	42	08-Feb-05	600	2.1	40
Martin Island Channel	42	39	40	39	08-Feb-05	600	2	40
Martin Island Range	41	42	42	41	08-Feb-05	600	1.4	40
Columbia City Channel	39	41	41	40	08-Feb-05	600	1.2	40
St. Helens Range	40	39	41	37	02-Mar-05	600	2.0	40
St. Helens Turn	42	43	43	37	02-Mar-05	600	1.7	40
* For Controlling Depth Information, consult the Local Notice to Mariners and/or the following Portland District US Army Corps of Engineers website: <a href="https://www.nwp.usace.army.mil/op/n/chpubs.htm#pubs-status-reports">https://www.nwp.usace.army.mil/op/n/chpubs.htm#pubs-status-reports</a> (Please note: Netscape Navigator users - use version 7.0 or later.)								

Reduce size to **78%** of current size to print out to a size that matches tab boxes currently on NOAA charts